

Title (en)

MULTIPLEXING OVER TWISTED PAIRS

Title (de)

MULTIPLEXIERUNG AUF VERDRILLTEN KABELPAAREN

Title (fr)

MULTIPLEXAGE VIA DES PAIRES TORSADEES

Publication

EP 1008248 A1 20000614 (EN)

Application

EP 96917189 A 19960603

Priority

- US 9608919 W 19960603
- US 48546095 A 19950607

Abstract (en)

[origin: WO9641442A2] A method and apparatus for transmitting and receiving signals for at least four channels between a telephone company location and a customer premises over a single twisted pair. At least four signal sources output at least four signals to a central office terminal unit or line card at the telephone company location. The line card receives and converts the at least four signals into a 288 kbps multiplexed binary signal, converts the multiplexed binary signal into a 2B1Q or 4B3T signal for transmission to the customer premises over a single twisted pair for use by a remote terminal.

IPC 1-7

H04L 5/02

IPC 8 full level

H04L 5/02 (2006.01)

CPC (source: EP KR)

H04L 5/00 (2013.01 - KR); **H04L 5/02** (2013.01 - EP)

Citation (search report)

- [X] US 5111497 A 19920505 - BLIVEN DAVID C [US], et al
- [X] WO 9101600 A1 19910207 - RAYCHEM CORP [US]
- [A] EP 0334549 A2 19890927 - AMERICAN TELEPHONE & TELEGRAPH [US]
- [A] US 3922493 A 19751125 - BRENIG THEODORE, et al
- [A] US 4393491 A 19830712 - ASHLOCK ROBERT L, et al

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IT LI NL SE

DOCDB simple family (publication)

WO 9641442 A2 19961219; WO 9641442 A3 19970320; AR 002339 A1 19980311; AU 5985296 A 19961230; BR 9609071 A 19990126; CA 2222622 A1 19961219; EP 1008248 A1 20000614; IL 122344 A0 19980405; IL 122344 A 20030212; KR 19990022306 A 19990325; PL 324080 A1 19980511; ZA 964672 B 19970311

DOCDB simple family (application)

US 9608919 W 19960603; AR 10295796 A 19960605; AU 5985296 A 19960603; BR 9609071 A 19960603; CA 2222622 A 19960603; EP 96917189 A 19960603; IL 12234496 A 19960603; KR 19970708785 A 19971204; PL 32408096 A 19960603; ZA 964672 A 19960605